

Remarks

Reconsideration of this Application is respectfully requested.

Upon entry of the foregoing amendment, claims 1-46 are pending in the application, with claims 1, 9, 17, 23, 31, 35 and 38 being the independent claims. Claims 1, 9, 17, 23, 31, 33, 34 and 35-40 are sought to be amended. The title has been changed to "Multi-ISA Instruction Fetch Unit For a Processor, and Applications thereof." These changes are believed to introduce no new matter, and their entry is respectfully requested.

Based on the above amendment and the following remarks, Applicants respectfully request that the Examiner reconsider all outstanding objections and rejections and that they be withdrawn.

Examiner Interview

Applicants thank the Examiner for the interview conducted on October 5, 2006. During the interview, Applicants' representatives and the Examiner discussed the present invention, the Office Action and the applied reference. Agreement was reached that the proposed amendment would overcome the applied reference.

New Title

Applicants have amended the Title to make it more descriptive as requested by the Examiner. The new Title is "Multi-ISA Instruction Fetch Unit For a Processor, and Applications thereof."

Rejections under 35 U.S.C. § 101

Claims 23-30, 45, and 46 were rejected under 35 U.S.C. §101 as allegedly being directed to non-statutory subject matter. Applicants respectfully traverse this rejection.

Applicants believe that these claims are patentable. Claims 23-30, 45, and 46 to are directed to a tangible computer readable storage medium comprising a microprocessor core embodied in software. In 1995, the Commissioner of Patents and Trademarks conceded to the U.S. Court of Appeals for the Federal Circuit "that computer programs embodied in a tangible medium, such as floppy diskettes, are patentable subject matter under 35 U.S.C. § 101." See *In re Beauregard*, 53 F.3d 1583 (Fed. Cir. 1995).

Reconsideration and withdrawal of this rejection is respectfully requested.

Rejections under 35 U.S.C. § 102

Claims 1-46 were rejected under 35 U.S.C. §102(b) as allegedly being anticipated by U.S. Patent No. 6,167,505 to Kubota (hereinafter "Kubota"). Applicants respectfully traverse this rejection.

As discussed with the Examiner during the Examiner Interview, Kubota fails to teach the combination of features recited in claim 1. For example, nowhere does Kubota teach or suggest “the second recoder recodes a second instruction so as to map the second instruction from a first encoded state to a second encoded state based on the information passed by the first recoder.” Thus, claim 1 is patentable over Kubota.

Independent claims 9, 17, 23, 31, 35 and 38 recite features similar to claim 1 and are patentable over Kubota for at least the same reasons as claim 1. Dependent claims 2-8, 10-16, 18-22, 24-30, 32-34, 36-37, and 39-46 depend from one of independent claims 1, 9, 17, 23, 31, 35, and 38, either directly or indirectly, and are patentable over Kubota for at least the same reasons as the independent claims from which they depend and further in view of their own respective features.

Reconsideration and withdrawal of this rejection of claims 1-46 is respectfully requested.

Conclusion

All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding objections and rejections and that they be withdrawn. Applicants believe that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will

Reply to Office Action of August 7, 2006

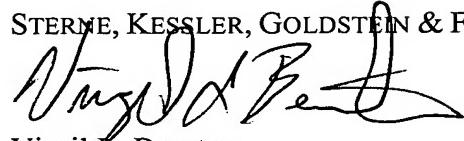
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expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

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